

NOMENCLATURAL CHANGES IN THE PENTATOMOIDEA (HEMIPTERA-
HETEROPTERA: PENTATOMIDAE, TESSARATOMIDAE). III. GENERIC
LEVEL CHANGES

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Abstract.—Numerous generic level nomenclatural problems in the Pentatomoidea (Heteroptera) are discussed and corrected. These corrections have necessitated twelve generic replacement names: *Cachanocoris* for *Sambirania* Cachan 1952; *Grassatorama* for *Grassator* Ruckes 1965; *Jayma* for *Melanocryptus* Linnavuori 1982; *Kitsoniocoris* for *Kitsonia* Gross 1975; *Nkolbissonicoris* for *Nkolbissonia* Linnavuori 1982; *Platistocoris* for *Platistus* Herrich-Schäffer 1853; *Qadrianocoris* for *Qadriana* Ahmad and Rana 1987; *Ruckesiocoris* for *Selenochilus* Ruckes 1964; *Schraderiellus* for *Schraderia* Ruckes 1959; *Seansonius* for *Knightiella* Ahmad and Khan 1980; *Stevesonius* for *Phyllocoris* Jeannel 1913; and *Zhengius* for *Tibetocoris* Zheng and Liu 1987. Nineteen **new combinations** are recognized: *Cachanocoris obscurus* (Cachan), *Grassatorama nigroventris* (Ruckes), *G. reticulatus* (Ruckes), *G. sinuatus* (Ruckes), *Jayma affinis* (Schouteden), *J. funebris* (Schouteden), *J. porosa* (Stål), *Kitsoniocoris rubrocoriosa* (Gross), *Nkolbissonicoris rubescens* (Linnavuori), *Platistocoris spiniceps* (Herrich-Schäffer), *Qadrianocoris pisheensis* (Ahmad and Rana), *Ruckesiocoris nitidus* (Ruckes), *Schraderiellus cinctus* (Ruckes), *S. hughesae* (Ruckes), *Seansonius flavifrons* (Distant), *Stevesonius acutus* (Jeannel), *S. jeanneli* (Schouteden), *Zhengius spiniferus* (Zheng and Liu), and *Z. zhangmuensis* (Zhang and Lin). Three **new generic synonyms** also are proposed: *Dichelops* (*Neodichelops*) Grazia 1978 as a junior synonym of *D. (Diceraeus)* Dallas 1851; *Keriahana* Distant 1918 as a junior synonym of *Neostrachia* Saunders 1877; and *Acanthidiellum* Kirkaldy 1904 as a junior synonym of *Polycarmes* Stål 1867.

Key Words: nomenclature, systematics, Heteroptera, Pentatomidae, Tessaratomidae

While preparing a catalog of the Pentatomidae of the World, I have found many nomenclatural problems. Several of these already have been corrected (Rider and Rolston 1995, Rider 1997). The present paper addresses a number of generic level nomenclatural problems that have been discovered since publication of the above papers.

The problems dealt with in this paper are strictly of a nomenclatural nature. I do not intend to validate the taxonomy involved

with the current problems. If current workers are taxonomically correct in their recent papers, then the names should be as proposed herein.

PENTATOMIDAE: DISCOCEPHALINAE

Grassatorama Rider, new name

Grassator Ruckes 1965: 123–125 (junior homonym of *Grassator* de Santis 1948, Hymenoptera)

The generic name *Grassator* was used first by de Santis (1948) for a genus of Hy-

menoptera. Not realizing this, Ruckes (1965) created a junior homonym when he used *Grassator* to contain three species of discocephaline pentatomids. I propose *Grassatorama* as a replacement name, creating the following **new combinations**: *Grassatorama nigroventris* (Ruckes), *G. reticulatus* (Ruckes), and *G. sinuatus* (Ruckes). *Grassatorama reticulatus* is known from Venezuela; the remaining two species are known only from Costa Rica.

***Ruckesiocoris* Rider, new name**

Selenochilus Ruckes 1964: 129–131 (junior homonym of *Selenochilus* Chaudoir 1878, Coleoptera)

Ruckes (1964) used the name *Selenochilus* for a new discocephaline pentatomid genus, apparently not realizing that the name had been used previously for a genus of Coleoptera (Chaudoir 1878). There are no known junior synonyms, so I propose the replacement name *Ruckesiocoris*. This genus currently is monotypic, thus resulting in one **new combination**, *Ruckesiocoris nitidus* (Ruckes).

***Schraderiellus* Rider, new name**

Schraderia Ruckes 1959: 3–5; Schrader 1960: 505; Rolston 1981: 41; Rolston 1992: 4, 9–10 (junior homonym of *Schraderia* Pfeffer 1888, Crustacea)

Ruckes (1959) apparently was unaware of Pfeffer's 1888 usage of *Schraderia* for a genus of Crustacea. There are no known junior synonyms, so I propose *Schraderiellus* as a replacement name. Acceptance of this replacement name results in two **new combinations**, *S. cinctus* (Ruckes) and *S. hughesae* (Ruckes).

PENTATOMIDAE: PENTATOMINAE

***Cachanocoris* Rider, new name**

Sambirania Cachan 1952: 397, 427 (junior homonym of *Sambirania* Obenberger 1942, Coleoptera: Buprestidae)

Cachan (1952) apparently was unaware that *Sambirania* already had been used for

a genus of buprestid beetles (Obenberger 1942) when he used the same name for a pentatomid genus. I propose *Cachanocoris* as a replacement name. The genus currently is monotypic, resulting in one **new combination**, *Cachanocoris obscurus* (Cachan). This species occurs in Madagascar.

Dichelops subgenus *Diceraeus* Dallas,
1851, revised status

Diceraeus Dallas 1851: 193, 208.

Dichelops (*Neodichelops*) Grazia 1978: 14, 63–65. **New synonymy**

The genus *Dichelops* Spinola contained at least two junior synonyms, *Zalega* Amyot and Serville and *Diceraeus* Dallas, when Grazia (1978) published her excellent revision of the genus. She divided the genus into three subgenera, *Neodichelops*, *Prodidichelops*, and the nominate subgenus. *Prodidichelops* was, and still is, monotypic, containing only the type species *Dichelops divisus* (Walker). *Neodichelops* contained four species, two of which she described as new (*D. lobatus* and *D. phoenix*). The other two were *Dichelops furcatus* (Fabricius), the type species of *Neodichelops*, and *Dichelops melacanthus* (Dallas), the type species for *Diceraeus*. As such, these two generic level names, as presently perceived, must be synonyms; *Diceraeus* is the older name, and *Neodichelops* becomes a junior synonym. The type species of *Zalega* is *Dichelops furcifrons* Amyot and Serville, a species presently recognized as belonging in the nominate subgenus. The **new combinations** are *Dichelops* (*Diceraeus*) *furcatus*, *D. (D.) lobatus*, *D. (D.) melacanthus*, and *D. (D.) phoenix*.

***Kitsoniicoris* Rider, new name**

Kitsonia Gross 1975: 144 (junior homonym of *Kitsonia* Eames 1957, Mollusca)

Eames (1957) first used *Kitsonia* for a genus of fossil Mollusca, predating Gross' use of the same name by 18 years. I propose *Kitsoniicoris* as a replacement name, which also will establish one **new combi-**

nation, *Kitsoniocris rubrocoriosa* (Gross). This species occurs in Australia.

Neostrachia Saunders, 1877,
revised status

Neostrachia Saunders 1877: 103; Lethierry and Severin 1893: 158; Breddin 1898: 113–114; Bergroth 1901:254–255; Kirkaldy 1909:134.

Keriahana Distant 1918: 143–144; Ahmad et al. 1974: 19; Ahmad 1981: 26; Ahmad and Mohammad 1987: 155–157. **New synonymy.**

Saunders (1877) described *Neostrachia* to contain his new species, *N. hellenica* (the type species by monotypy), a species that later (Leston 1955) was determined to be a junior synonym of *Rhaphigaster bisignatus* Walker. Puton (1899) and, more recently, Leston (1955) considered *Neostrachia* to be a junior synonym of *Apines* Dallas. Several other workers (Breddin 1898; Bergroth 1901, 1914), however, considered *Neostrachia* either to be closely related to or synonymous with *Menida* Motschulsky.

Similarly, Distant (1918) described *Keriahana* for his previously described species *Menida elongata* (type species by original designation), a binomen that became a secondary junior homonym when *Rhaphigaster elongatus* Signoret was placed as a junior synonym of *Menida maculiventris* (Dallas). This case of secondary homonymy was recognized by Bergroth (1919) who proposed *Menida oblonga* as a replacement name. Most recent workers have followed Bergroth (1923) in considering *Keriahana* as a junior synonym of *Menida*. Ahmad and his colleagues, however, recently have resurrected the use of *Keriahana* and have placed in it *elongata* (= *oblonga*), *bisignata*, and a new species *islamabadensis* Ahmad and Mohammad. If these three species represent a genus distinct from both *Apines* and *Menida*, the valid name should be *Neostrachia*. This grouping contains the type species for both *Keriahana* and *Neostrachia*, with the latter having priority. The

two type species are obviously closely related as Leston (1955) considered *elongata* to be a junior synonym of *bisignata*.

The actual relationship among the genera included within the Menidini is in desperate need of study. *Menida*, itself, is large and diverse and may eventually be split into a number of different genera once a thorough revision is completed.

Nkolbissonicoris Rider, new name

Nkolbissonia Linnavuori 1982: 123, 133 (junior homonym of *Nkolbissonia* Dajoz 1978, Coleoptera)

Dajoz's (1978) usage of *Nkolbissonia* for a genus of Cerylonidae (Coleoptera) occurred four years prior to Linnavuori's (1982) proposed usage of the same name for a single new species of Pentatomidae. I propose *Nkolbissonicoris* as a replacement name which will result in one **new combination**, *N. rubescens* (Linnavuori). This species occurs in Cameroon, Africa.

Platistocoris Rider, new name

Platistus Herrich-Schäffer 1853: 167; Kirkaldy 1909: 238; Rider 1993: 417–418 (junior homonym of *Platistus* Rafinesque-Schmaltz 1815, Pisces)

In 1815, Rafinesque proposed the generic name *Platistus* as a replacement name for *Platystacus* Bloch, a genus in the Pisces. Amyot (1845) first used *Platistus* for a genus of Pentatomidae, but this work has been placed on the Official List of Rejected Works because it is largely monomial. Herrich-Schäffer (1853), following Amyot, first used *Platistus* in a binomial sense when he listed it in the index to his *Wanzenartigen Insecten* for a species he originally described as *Aelia spiniceps* (see Rider 1993 for more detailed history). Both Amyot (1845) and Herrich-Schäffer (1853) apparently were unaware of Rafinesque-Schmaltz's prior usage of the name. No known synonyms are available, so I propose *Platistocoris* as a replacement name.

This will create one **new combination**, *Platistocoris spiniceps* (Herrich-Schäffer).

Polycarmes Stål, 1867

Acanthidies Montrouzier 1855: 95 (primary junior homonym of *Acanthidium* Lowe 1839, Pisces, as emended in 1858; as barren division of *Pentatoma*)

Acanthidium Montrouzier 1858: 251–253 (emendation; genus not described; 3 spp., *cinctum*, *armigerum*, *punctatissima* described; *A. foetidum* only mentioned)

Polycarmes Stål 1867: 509; Stål 1876: 37, 44; Lethierry and Severin 1893: 100; Kirkaldy 1909: 195.

Acanthidiellum Kirkaldy 1904: 280 (new name for *Acanthidium* Montrouzier 1855). **New synonymy.**

Acanthidium (as *Acanthidies*) was proposed by Montrouzier (1855) as a subgenus of *Pentatoma* Olivier. Originally, Montrouzier described eight new species and one new variety in *Pentatoma*, but he did not assign any of these taxa to subgenera. This formally left *Acanthidium* without any included species until 1858 when Montrouzier described *A. armigerum*, *A. cinctum*, and *A. punctatissimus*. *Acanthidium* Montrouzier, 1858, is, however, a primary junior homonym (in the emended form) of the fish genus *Acanthidium* Lowe, 1839. Kirkaldy (1904) proposed *Acanthidiellum* as a replacement name. The species, *A. foetidum*, is only mentioned in this paper and was not described until 1861 when Signoret described “*Spudaeus foetidum* (Mihi).” That form of presentation (with mihi in parentheses) seems to indicate that Signoret recognized the species previously had not been described, but he recognized that it previously had been assigned to another genus. Kirkaldy (1909), in the text and in a footnote, designated “*foetidum*” the type species of *Acanthidium* Montrouzier, 1858, but this is incorrect as *foetidum* was not an included valid (was undescribed) species.

Acanthidium cinctum was moved (Stål 1872) to the Asopinae, but its proper place-

ment was not known until Schouteden (1907) placed it as a junior synonym of *Andrallus spinidens* (Fabricius). Stål (1867) erected the genus *Polycarmes* and designated *Acanthidium punctatissimus* as type species. *Acanthidium armigerum* was considered *incertae sedis* by both Stål (1876) and Lethierry and Severin (1893); Kirkaldy (1909) tentatively placed it in *Polycarmes*, but Horváth (1915) stated that it was probably allied to the rynchocorine genus *Vitellus* Stål.

Designation of *Acanthidium cinctum* as type species would displace the well-known and often used generic name *Andrallus* Bergröth. Designation of either *A. armigerum* or *A. punctatissimus* as type species would allow for the continued use of *Polycarmes* because it is nearly 40 years older than Kirkaldy’s replacement name. Because the identity of *A. armigerum* is somewhat tentative, while the identity of *A. punctatissimus* is better known, I select *A. punctatissimus* as type species for *Acanthidium*, thus making *Polycarmes* and *Acanthidiellum* objective synonyms.

Qadrianocoris Rider, new name

Qadriana Ahmad 1981: 21, 51 (not described); Ahmad and Rana 1987: 355–356 (junior homonym of *Qadriana* Bilqees 1971, Vermes)

Ahmad (1981) provided a key to the pentatomid genera occurring in Pakistan. *Qadriana* was included in the key (p. 21) and was later (p. 51) listed along with its only included species. In both places, the generic name was followed by “(MS)” indicating that Ahmad considered this to be only a manuscript name that would be properly described later. *Qadriana* was described formally in 1987 by Ahmad and Rana. At any rate, they apparently were not aware that *Qadriana* had already been used (Bilqees 1971) for a genus of trematodes. I propose *Qadrianocoris* as a replacement name. This results in a single **new combination**,

Q. pisheenensis (Ahmad and Rana). This species occurs in Pakistan.

***Seansonius* Rider, new name**

Knighitiella Ahmad and Khan 1980: 85–86 (junior homonym of *Knighitiella* Carvalho and Drake 1943, Heteroptera: Miridae)

Ahmad and Khan (1980) apparently were unaware of the earlier usage (Carvalho and Drake 1943) of the generic name *Knighitiella* when they proposed this name for the single species *Stenozygium flavifrons* Distant. I herein solve this case of homonymy by proposing *Seansonius* as a replacement name. This creates a single **new combination**, *Seansonius flavifrons*, for this New Caledonian species.

***Zhengius* Rider, new name**

Tibetocoris Zheng and Liu 1987: 288, 294 (junior homonym of *Tibetocoris* Hutchinson 1934, Miridae)

Zheng and Liu (1987) overlooked Hutchinson's 1934 usage of the generic name *Tibetocoris* in the heteropteran family Miridae when they described *Tibetocoris* as a new genus of Pentatomidae. There are no known junior synonyms; I propose *Zhengius* as a replacement name, thus, resulting in two **new combinations**, *Zhengius spiniferus* (Zheng and Liu) and *Z. zhangmuenensis* (Zhang and Lin).

PENTATOMIDAE: PHYLLOCEPHALINAE

***Jayma* Rider, new name**

Melanocryptus Linnavuori 1982: 20, 33 (junior homonym of *Melanocryptus* Cameron 1902, Hymenoptera)

Linnavuori's (1982) usage of the generic name *Melanocryptus* is preoccupied by the hymenopteran genus *Melanocryptus* Cameron, 1902. There is no available junior synonym, so I propose *Jayma* as a replacement name. *Jayma* currently contains three species: *J. affinis* (Schouteden), **new combination**; *J. funebris* (Schouteden), **new**

combination; and *J. porosa* (Stål), **new combination**.

TESSARATOMIDAE: NATALICOLINAE

***Stevesonius* Rider, new name**

Phyllocoris Jeannel 1913:109–110; Kumar 1974:676; Rolston et al. 1994:42 (junior homonym of *Phyllocoris* Costa 1847, Anthocoridae)

Costa (1847) described *Phyllocoris* as a new genus in the hemipteran family Anthocoridae. Jeannel (1913) created a junior homonym by describing *Phyllocoris* as a new genus in the pentatomoid family Tessaratomidae. There are no known junior synonyms, so I propose *Stevesonius* as a replacement name. This genus presently contains two species, both now **new combinations**, *Stevesonius acutus* (Jeannel) and *S. jeanneli* (Schouteden).

ACKNOWLEDGMENTS

I am grateful to all of those who helped in the acquisition of pertinent literature, especially L. H. Rolston who started me down this cataloguing path. The staff at the North Dakota State University Interlibrary Loan Service has been instrumental in the success of this project.

"This material is based upon work supported by the National Science Foundation under Grant No. BSR-9024584. The government has certain rights in this material. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author and do not necessarily reflect the views of the National Science Foundation."

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